

Please read the following text carefully.

Analogies are based on similarities between two things. Things may be similar in many ways, resulting in many ways to draw an analogy and no single correct way. We are studying students' analogies. As part of this study, we would like to compare students' analogies with those drawn by experts. Please complete the analogies on the backside of this page.

PLEASE TURN TO THE BACK SIDE OF THIS PAGE.

1. A balloon floating in air is like:

they are similar because:

2. CO₂ degassing from the oceans is like:

they are similar because:

PLEASE COMPLETE THE DEMOGRAPHIC QUESTIONS ON THE NEXT PAGE.

GEOSCIENCE EXPERIENCE QUESTIONNAIRE - GENERAL

This survey is intended to evaluate your education, training, and current employment in the geosciences. Please respond to all items that apply as of the current date.

UNDERGRADUATE EXPERIENCES

1. Did you take, or are you taking, any of the following courses?
 - a. *Physical Geology and/or Historical Geology* ☐ NO ☐ YES
 - b. *Mineralogy and/or Petrology* ☐ NO ☐ YES
 - c. *Sedimentology and/or Stratigraphy* ☐ NO ☐ YES
 - d. *Structural Geology* ☐ NO ☐ YES
 - e. *A Field Course or Camp in geoscience or a related field* ☐ NO ☐ YES
2. Have you completed, or are you currently working on,:
 - a. An assistantship or internship in *geoscience or a related field* ☐ NO ☐ YES
 - b. Any original research in *geoscience or a related field*, including in a course ☐ NO ☐ YES
 - c. An undergraduate thesis in *geoscience or a related field* ☐ NO ☐ YES

GRADUATE EXPERIENCES

3. Are you currently pursuing an M.A./M.S. in *geoscience or a related field*? ☐ NO ☐ YES
4. Do you hold an M.A./M.S. in *geoscience or a related field*? ☐ NO ☐ YES
5. Are you currently pursuing a Ph.D. in *geoscience or a related field*? ☐ NO ☐ YES
6. Do you hold a Ph.D. in *geoscience or a related field*? ☐ NO ☐ YES

PROFESSIONAL EXPERIENCES

7. Do you work, or have you ever worked professionally, in *geoscience or a related field*? ☐ NO ☐ YES
 - a. For how many years? Do not include years in which you were engaged primarily in undergraduate and graduate education.

☐ less than 5 years ☐ 5-10 years ☐ more than 10 years

Please add any additional information that you think may be important for determining your experience in the geosciences.

Your GENDER: ☐ Male ☐ Female ☐ Transgender

Your AGE: _____

Your Ethnicity: CHOOSE ALL THAT APPLY

- ☐ African American/Black
☐ Caucasian
☐ Latino/Hispanic
☐ Native Hawaiian/Pacific Islander
☐ Native American
☐ Other _____